JAN 0 5 1830 A

Ligate & Electroporate z-4Kb + >4Kb cDNA

Purpose: Malle sure the larger sized fractions are okay & determine their sizes.

Ligation

tube vector insert 40 5 but 1900

pcDAAI Noti/1800
que provided DOTO
| Ind = 24 mg | EDAA 2-4Kb | X095 |
1.5 put = 6 mg | Lind |

3 4 EDAA > 4Kb | X095 |
6 put = 6 mg | Zml | Ind |

Jul | Jul | Jul |

3 4 EDAA > 4Kb | X095 |
6 put = 6 mg | Zml | Ind |
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6

15°C overnight

[X099] contid

# CREATION OF EXPRESSION LIBRARY POOLS

JAN 0 5 1998

Prepare bacteria

1) Streak out MC1061/P3 onto LB/Kanamycin (15 µg/ml) plate

Prepare reagents and everything else

Make LB/Amp (15 μg/ml)/Tet (8 μg/ml) plates (15 cm). Make 1 liter total.

3) Sterilize:
eppendorfs (1/electroporation)
ddH20 (500 ml)
10% glycerol (500 ml)
pasteur pipets (long ones)
1 M MgCi2

1 M MgSO4 1 M glucose

4) Put in cold room:
all the above sterilized stuff except medium stuff electroporation cuvettes (0.2 cm gap)
pipet tips (yellows/blues?)
also sign up centrifuges

### DATE:

#### Bacteria

Start overnight cultures of MC1061/P3 from A. Pearsons plate of MC1061/P3 from Lodin la Pick at least 2 colonies into 3 mls each of LB+ Kananycin (15/15/ml)

Also streak each onto half a plate of LB/Amp/Tet (only undesirable revertents should grow)

#### DAY

Get 9)	bacteria ready for electroporation Put 3 ml of starter culture into 250 ml LB + Kananycin (15 mfml) Grow until 0.5 - 0.7 O.D.	time 7:25	0.D. 400 0.370
Clea	n up ligation	10:20	- <del>-</del>
10)	Add TE - II O O		
11)	Add TE pH 8.0 to 50 µl	10:35	0.600 Donice
11)	Add 50 µl Phenol/Chloroform/Isoamly alcohol	-	
	YANGA DUM AND TELLUPT TOD SOME LAND.		
,	A GOLDO MILE DEL A UTO OFGANIC Javon to La 1		•
	Vortex, Spin and recover top aqueous lease and the		••
13)	Vortex, Spin and recover top aqueous layer and add to previous aq. layer Add	(total = 1)	00ul)
5	ЮЩ IX LPA /	, –	
	10 µI 3M NaOAc /		•
14)	Put at \$000 30 min		
15)	Spin down at 400		1
16)	lust before and air dry (don't dry completely)	u I dize	k .
	Put at -80°C 30 min 8:30 rinse \$\frac{1}{207}\$. Et Off  Spin down at 4°C, remove supe and air dry (don't dry completely)  Fust before ready to uso, resuspend in Oul TE (sterile) Youp on ite.	comple	Fellip
	lie - Oli	•	•

Use zul/electroporation Freeze rest in cONA box-20°C.

Next time resuspend in 50,12? or

Get bacteria ready for electroporation (everything on ice!) Put culture into ice water to chill 15 min (swirl occasionally) 10:35-10:50 18)

Spin down in 1 disposable conical tube, 4°C, 15 min, 4000 rpm (2600 xg), 10:55-11:10 19) Decant most but not all liquid (leave equal volume liquid as in pellet). Add 5 ml sterile water and resuspend gently with pipet. 20)

Add 250 ml ice-cold ddH20 (sterile), spin 15 min, 4°C, 4000 rpm 21)

Repeat steps 19-20 but spin 20 min.

Pour off as much supe as possible (you'll lose some bugs), add 10% glycerol to 12 mls, gently resuspend cells and spin 8,000 rpm 30 min 4°C in SS-34 (in Falcon 2059 tube)

Pour off supe getting rid of almost all liquid (you'll lose some cells). You want it thick Resuspend in 160 μl 10% glycerol (you want it thick) Used 200 μl, had 100 μl left over

During spin periods set up for electroporation 24) Make SOC from SOB

25) Put electroporator chamber on ice

don tadd any riquid at all z should get only 3 electro/250m Connect pulse controller to gene pulser (connect in front the red to red and black to black) The cuvette holder should then be connected to the pulse controller.

Set to: 200 ohms  $25 \mu F$ 2.5 kV

28) Get everything else ready (Falcon 2059 with 1 ml SOC each, pasteurs, tips, etc)

Electroporation

Always do controls: water only (neg. control) and uncut vector (positive control)

30) Swirl bacteria with sterile yellow tip. Pipet up 40 µl bacteria to tube #1 on ice. Pipet up and down avoiding generation of bubbles. Let sit 30 sec on ice.

31) With fresh tip take up bacteria and put into cuvette as close to bottom as possible without creating bubbles. Quickly shake hard down to bottom (v. important).

Take off cap, put in electroporator chamber, pulse

33) Quickly remove cuvette and add 1 ml SOC. Resuspend with pasteur pipet and transfer to 15 ml round bottom and incubate shaking at 37°C, 60 min. 1pm-2pm

Repeat steps - for each electroporation. Put LB/Amp/Tet plates into hood to dry.

36) Plate out 50 - 100 μl/plate to test for electroporation efficiency. Use 1:100 of positive control 1:5 of ligation mix undiluted neg. control

Grow overnight 37°C. Store electroporated bacterial cultures at 4°C up to one week. Count colonies.

37)

3 +3 4.5 1072 3.5×107 24.10 4 - (2.11 TE) 4.5 100 13 2.2×107 38 11 5 pcDNA) with 4.5 11 + 99 11 13 5.6×108	electro #  2  3  4  5	pcDNA) ment	tau 4,5 4,5 4,5 4,5 4,5	amt plated  10 pl + 90 pl LB  100 pl  1 pl + 99 pl LB	1300 13		
--	-----------------------	-------------	--	---	------------	--	--

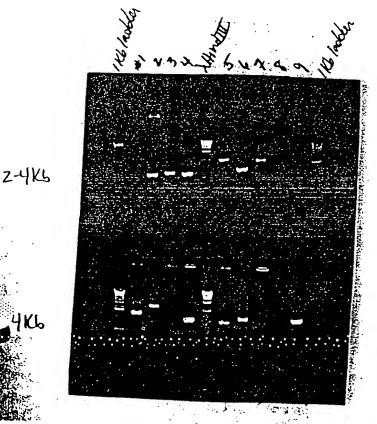
electro #2 PCDNAI+ Z-4Kb 24nl/plate => 42 plates = 210,000 clones #3 pcDNA1+>4Kb 26 plates - 130,000 dones X099 cont'd

PCR of colonies to check cDNA sizes

19ul 10x PCR buffer 47.5 ml T7 primer 47.5 ml SPle primer 0.95 ml Tag polymerase 1.52 mix of dNTPs (each) 73.5 Ml H20 190 Ml Hotal

13 al dWTPs (Freeze in PCR hose -200

Aliquot 15ml PCRoil/fulse Aliquot 10 nl above stock soln Aube Flame straight needle, poke colony, then into PCR tuke PCR 94°C 30 sec -> 50°C 30 sec -> 72°C Zmin x35 cycle Add juliox blue juice Load Gullane onto 0.9% seaken 6T6 agarese minigel



avg size = 1.6 medsize = 1.9 avg. size=1.4 medsize = 0.95 3.0 0.9 18

# X099 contid

Mini-pups of clones that did not PCR

Method: Maniatis

Changes: Ospun twice to get rid of white particulate moder after adding solnIII

Therel/Sevay extracted

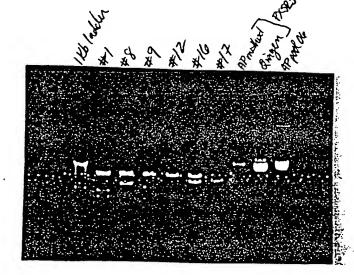
3 Resuspended in 25 pl TE pH8

Fraction Colonies 2-4Kb >4Kb /12

NEBZ 10X 200 HzO 10X buffer ArBSA ENASE HzO 7 rl + 7 rl + 0.1 rl + 35 rl No+I+ HindI 50:50 mix

2nl + 8nl above rxn mix

37°C 2 hrs (3:45-5:45)



colony	डांस
#1	1.1+1.4=2.5
8	2.1
9	1.0+1.8=2.8
12	0.8
16	3.0
17	_

PX5R3 (Juleach) -Not sure if state of DUA is afferent or loading

### Plasmid midiprep for cDNA library

preps: B46-B53

Day 1

Scrape 150 mm plate with 5 mls LB. Transfer to Falcon 2059 15 ml tube on ice. 1.

Add another 3 mls LB to plate and scrape again.

Take 400 μl, put into freezer vial, add 100 μl glycerol and freeze at -150C. 3. 4.

Spin rest in SS-34, 9000 rpm, 2 min 4C.

5. Dry pellet as much as possible.

Resuspend pellet in 500 µl ice cold solution I by vigorous vortexing. 6.

Add 1 ml fresh solution II (0.2 N NaOH, 1% SDS) 7.

for 100 ml: 1 ml 2 N NaOH 0.5 ml 20% SDS 8.5 mls ddH20

Swirl gently until clear. Do not vortex. Leave on ice 10 min.

Add750 µl solution III (ice-cold). Close tubeand mix contents by shaking vigorously several times. Store 8. on ice 5'. A flocculent white precipitate should form.

Centrifuge 15', 4°C, 9000 rpm.

10. Recover supe and add equal volume of phenol:chloroform. Mix by vortexing.

11. Spin 9000 rpm, 5'.

12. Add 2 volumes, ethanol r.t., vortex, let stand 5'. Spin in SS-34 rotor for 15' 9,000 rpm.

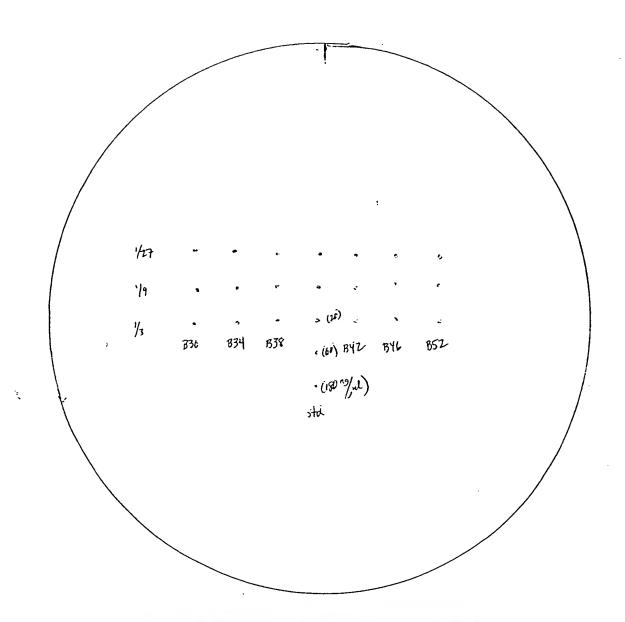
13. Carefully aspirate off all liquid (want it dry) and rinse once in cold 70% EtOH. Aspirate again getting any extraneous drops. Airdry 10' minutes.

14. Redissolve in 100 μl TE plus DNAse-free RNAse (20 μg/ml). Vortex briefly. Incubate 37C, 30'. Transfer to sterile eppendorf.

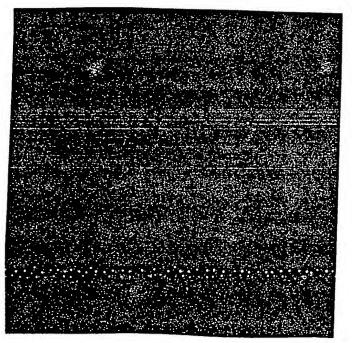
15. Quantitate by dilutions onto EtBr plate.

Store at 4°C O.N. Incubate 37°C 2/2 hrs

Freize



Note: Photograph is mirror image of schematic above



Shight variation in preps. I think sultransfection will be good for all.

# Screen DNA pools B63-B76, redo B47

## DEAE dextran transfections of COS M6 cells

m	aterials:	

- 35 mm dishes.
- DMEM with 10% FBS: 2.
- Chloroquine (40 mM in CMF PBS, sterile filtered) 3.

- 5. CMF PBS
- 6. DEAE-dextran (10 mg/ml in CMF PBS (autoclaved))
- 7. **DMSO**
- 8. **cPBS**
- 9. sterile tips

#### method:

day 0 (set up cells)

Set COS M6 cells in 35 mm dishes at 300,000 cells/dish in 2 ml DMEM with 10% FBS

### day 1 (transfect)

1. In sterile eppendorfs prepare for each dish add (in order):

a) DNA - 500 ng/dish

b) add CMF PBS to 190 μl, vortex

c) 10 µl of 10 mg/ml DEAE-dextran, vortex well (7 seconds)

		•	(					
tube # plates	DNA				CMF PBS	10 mg/ml	occidi .	
	GOVA pool	B63		10 ml	180ml	DEAE-dextran	positives	mayo
2		B64		<del>/</del>			14	2
4		B65 B66						7
5		B67		<del></del>			ŀ	6
66		B 68					, A	Ò.
		B69				<del></del>	0	1 -
9		B70 B71					2	4
10		B72					Ž	$\frac{1}{4}$
		B73					Ó	1
(12_)		B 74					4	Q.
14.		B75 B76					12	Z .
		B47- redo fr	3- 2661				2	5
		BY7-redo fr	om XIII				9	4
	pcDNAI		0.	39			12	2
18	1:5000			Zul		<del></del>	396	Ĺ
2 Pinco colla	wish on a con-			,			210	8

2. Rinse cells with 2 mls CMF PBS (37C). Aspirate PBS.

3. Add transfection cocktail from step 1 and distribute evenly. Incubate 30 minutes, distributing liquid 9:50 - 10:20

4. Add 2 ml DMEM 10% FBS + 80 μM chloroquine and incubate 37C 2.5 hrs. 10:20-12:50 5. Aspirate off medium and replace with 1 ml 10% DMSO in DMEM 10% FBS for 2.5 min.

6. Aspirate off and wash once with 2 mls cPBS.

7. Refeed with 2 ml warm DMEM 10% FBS/dish. Incubate overnight.

### Day 2

Refeed cells with 2 ml DMEM 10% FBS + 1 mM Nabutyrate pH 7.3.

ş.

Refeed cells with 0.75 ml DMEM 10% FBS + 1 mM Nabutyrate pH 7.3 + 3  $\mu$ g/ml DiI-AcLDL for 5 hrs.

14.25 ml DMEM 10% + 14.25 pl 14 Nobret + 158 pl Di IALLD L pup #48 (0.27 mg/ml)

		<b>t</b> *	
plate	DNA	positives	maybes
	B47 pool	7 (10)	5+(6)
_ Z	<i>`</i> B48	3	4
3	Bya	1	
4	1350	2	
5	B51		
. 6	B57 B5Z	Ö	
7	B53	2	
<u>. 8</u>	<i>B5</i> 4	2	
9.			
10	B55 B56	0	
11	857	2 2	
12		2	5
13	<u> 858</u> 859	3	8
14			4
	B60		2
(15)	Rle l	6 (4)	2(3)
16	R62		2
17	pcDNAI		2
18	1:5000	430	_

Positives are scored if allo are punctate parentheses are recounts

# 1 X120

Create subpools of 15 colonies of B47.1.8

Purpose: Reduce pool size to approx 15 colonies to narrow the search for the MACZLE-1 receptor.

Transform competent MCiOle/P3 (Q.G. purple dot) usual procedure but didn't incubate on ice 30', just heat-shocked 37° 5' right away. Still worked

Plated 5ml-count 930 (B47.1.8) 4 (no DNA)

Took 3.2 ul transformed busp + 1.9 mls LB plated 50 ul/plate

		ounted	plates	rolonis
· · ·	<b>в</b> 47	1.8.1.2.34.5.6.7.8.9	19 15 19 23 15 17 21	 .19 - 25 .20 - 14 .21 - 19 .23 - 23 .24 - 23 .25 - 35 .26 - 19
57 24 pools Jo 452 Nate 18.8	all 36 pals 717 19,9	101-1134-118	15387261675	 28-273737337336

Plasmid midiprep for cDNA library

preps:

B47.1.8.1 - B47.1.8.24

Day 1

Scrape 100 mm plate with 2 mls LB. Transfer to Falcon 2059 15 ml tube on ice. 1. 2.

Add another 2 mls LB to plate and scrape again.

3. Spin in SS-34, 9000 rpm, 2 min 4C.

5. Dry pellet as much as possible.

Resuspend pellet in 300 µl ice cold solution I by vigorous vortexing. 6.

Add 0.6 ml fresh solution II (0.2 N NaOH, 1% SDS)

for 100 ml: 1 ml 2 N NaOH 0.5 ml 20% SDS 8.5 mls ddH20

Swirl gently until clear. Do not vortex. Leave on ice 10 min.

Add 450 µl solution III (ice-cold). Close tubeand mix contents by shaking vigorously several times. 8. Store on ice 5'. A flocculent white precipitate should form.

Centrifuge 15', 4°C, 9000 rpm.

10. Recover supe and add equal volume (1.2 ml) of phenol:chloroform. Mix by vortexing. 11. Spin 9000 rpm, 5'.

12. Add 2 volumes (2.5) ethanol r.t., vortex, let stand 8. overnight (1-14) or 6 hrs (17-24) Spin in SS-34 rotor for 15' 9,000 rpm.

13. Carefully aspirate off all liquid (want it dry) and rinse once in cold 70% EtOH. Aspirate again getting any extraneous drops. Airdry 10' minutes.

14. Redissolve in **5**0 μl TE plus DNAse-free RNAse (20 μg/ml). Vortex briefly. Incubate 37C, 2 hr. Transfer to sterile eppendorf.

15. Quantitate by dilutions onto EtBr plate.

[XIZI] Screen subpools B47.1.8.1-B47.1.8.24; Compare CD36 with B47.1.8 DEAE dextran transfections of COS M6 cells

method:

uay 0 (set up cells)

Set COS M6 cells in 35 mm dishes at 300,000 cells/dish in 2 ml DMEM with 10% FBS

day 1 (transfect)

1. In sterile eppendorfs prepare for each dish add (in order):

a) DNA - 500 ng/dish

b) add CMF PBS to 190 µl, vortex

c) 10 µl of 10 mg/ml DEAE-dextran, vortex well (7 seconds)

tube #	nlatec			CMF PBS	10 mg/ml DEAE-dextrar / O.U.	Results
1	847.1.8.1		10 ul	180 ml	10ul	
2	2			100/1	1	-
	3					-
(4)	4					- +
	5.					- †
6	<u> </u>					
7	7					
8 :	8,					
9	` 9					_
10	10					_
11	11					
12	12					_
13	13					_
14	14					
15	15					
16	16					
17	17					- (
18	18				<del> </del>	
	19				i	_ <del>-</del>
20	ЭD				- <del></del>	
21	21				· · · · · · · · · · · · · · · · · · ·	
22	22				<del></del>	
23	23 24		<del>-</del>		<del>\</del>	- 🕶
(24)	24	<del></del>			30ml	- Thurshit
25	BSKIL (PX8R3)	<del></del>	1.5 µl	570 pl	HIM	v. bught nothing
26		- polyI mBSA	X	<del></del>	<del></del>	v. bught
27	V		<del></del>	525ml	30ml	- y magres
28	CD36	<del>.</del> 0	15 jul	Jacour	- SUM	v. bright
29		polyI	——————————————————————————————————————	<del></del>	<del>X</del>	
30	011219	h B.8A	2/1.1	540 ml	FOR	ماله د د د د د د د د د د د د د د د د د د د
31	847.1.8	OPLYI	20	JUM		pos. cells pos. cells nothing?
32 33	<del></del>	mosa	270	$\longrightarrow$	<del>X</del>	- nothing?
33	pc DNA1	MUDA	0.3 ul	190.1	10 ul	_ +@, )
34	- paulyn I		v. spin	190 M		-
/y/	<del></del>	<del></del>				-

Porl #4 was brightest & "more positive cells.

CD36 binds acetylated (Di & is not inhibited by poly I but is inhibited by small amounts of m-BSA for!

3 CD36 has same properties as MAC 26-1 receptor!

# XIZII cont'd

2. Rinse cells with 2 mls CMF PBS (37C). Aspirate PBS.

- 3. Add transfection cocktail from step 1 and distribute evenly. Incubate 30 minutes, distributing liquid
- Add 2 ml DMEM 10% FBS + 80 μM chloroquine and incubate 37C 2.5 hrs. 11:50 1:20 ρm
   Aspirate off medium and replace with 1 ml 10% DMSO in DMEM 10% FBS for 2.5 min.

6. Aspirate off and wash once with 2 mls cPBS.

7. Refeed with 2 ml warm DMEM 10% FBS/dish. Incubate overnight.

Day 2

Refeed cells with 2 ml DMEM 10% FBS + 1 mM Nabutyrate pH 7.3.

Day 3

Refeed cells with 0.75 ml DMEM 10% FBS + 1 mM Nabutyrate pH 7.3 + 3 µg/ml DiI-AcLDL for 5 hrs.

127 mb med + 27 ul IM Nabut + 300 ul Di IAc LDL (#48 0.27 mg/ml

9:20-2:20 pm

)	[XIZZ] Create subpools of I colony of B47.1.8
	Purpose:
	Transform competent (Calle) MC10tel/P3 (8.600 purplicos)  I. Ihaw aliquots (2) of buop on ice  J. Add 2 pl of DNA (or TE) to aliquot  DNA = pool BYT.1.8.4  TE = neg. control  3. Carefully pipet up 4 down twice to mix  4. Neat shock 37°C 5 min.  5. Add 200 pl CB medium Shale I bn 37°C  6. Plate 5 pl on 150 min LB Amp/ 1et plate  Pesults: Transferming worked well. Circled apparently sixely colonies by me ficked each come by me ficked each come by me ficked each come by me ficked picked and plate to streak guto riew of same plate to streak guto riew
)	

X122	cont'd
Plasmid minipre	p for cDNA library

preps:

Matrix. 7x7 rows A-F, columns 1-7

14 mini-preps Day 1

Take 200 µl culture from each tube in a row or column of 7 and put into eppendorf. Store remainder at

Spin at 12,000 x g for 30 sec in microfuge.

·3. Remove medium by aspiration, leaving bacterial pellet as dry as possible. Resuspend pellet in 100 µl ice-cold solution I by vigorous vortexing.

Add 200 µl fresh solution II (0.2 N NaOH, 1% SDS)

for 2 ml: 0.2 ml 2 N NaOH

0.1 ml 20% SDS

1.7 mls ddH20

Swirl gently until clear. Do not vortex. Leave on ice 10 min.

<sup>1</sup>6. Add 150 µl solution III (ice-cold). Close tube and vortex gently inverted for 5 sec. Store on ice 5'. A flocculent white precipitate should form. **√**7.

Centrifuge 5', 4°C, max speed in microfuge: **78.** 

Recover supe and add equal volume of phenol:chloroform. Mix by vortexing. Spin 2' in microfuge. 9.

9. Spin 2' in microfuge.
10. Add 2 volumes, ethanol r.t., vortex, let stand 2' at r.t.. Spin 5', 4°C max speed in microfuge.

11. Carefully aspirate off all liquid (want it dry) and rinse once in cold 70% EtOH. Aspirate again getting any extraneous drops. Airdry 10' minutes.

12. Redissolve in 10 μl TE plus DNAse-free RNAse (20 μg/ml). Vortex briefly. Incubate 37C, 0.5 hr. Transfer to sterile eppendorf.

X122 cont'd	Screen matrix
1 conta	Screen matri

# DEAE dextran transfections of COS M6 cells

EAE-dextran (10 mg/ml in CMF PBS (autoclaved)) MSO PBS crile tips

method:

o (set up cells) 6-well well Set COS M6 cells in 35 mm dishes at 300,000 cells/dish in 2 ml DMEM with 10% FBS day 0 (set up cells)

day 1 (transfect)

1. In sterile eppendorfs prepare for each dish add (in surler):

a) DNA - 500 ng/dish.

b) add CMF PBS to 190 μl, vortex ·

c) 10 µl of 10 mg/ml DEAE-dextran, vortex well (7 seconds)

		, rollox well ()	scenius)			•
tube # plates 1 row A 2B	DNA slamed pup from	matrix 5	ul .	CMF PBS I	10 mg/ml DEAE-dextran 10/4	Results + 3rd brighter
4 D 5 E						+ v.faint few
8 column(1) 9 7 10 3			,			+ 2nd brightet + bnakted row +
$     \begin{array}{ccccccccccccccccccccccccccccccccc$						+ + weak # -
15	(१४८१)	- 0.5 9.3	nl	190nl 180nl		1 pob. brighte
2 Rince calls with	4.2 1 0 ====					

2. Rinse cells with 2 mls CMF PBS (37C). Aspirate PBS.

3. Add transfection cocktail from step 1 and distribute evenly. Incubate 30 minutes, distributing liquid

4. Add 2 ml DMEM 10% FBS + 80  $\mu$ M chloroquine and incubate 37C 2.5 hrs.

5. Aspirate off medium and replace with 1 ml 10% DMSO in DMEM 10% FBS for 2.5 min.

6. Aspirate off and wash once with 2 mls cPBS.

7. Refeed with 2 ml warm DMEM 10% FBS/dish. Incubate overnight.

Day 2

Refeed cells with 2 ml DMEM 10% FBS + 1 mM Nabutyrate pH 7.3.

Refeed cells with 0.75 ml DMEM 10% FBS + 1 mM Nabutyrate pH 7.3 + 3 µg/ml Dil-AcLDL for 5 hrs.

9:20-Z:20

Results: Lots! of positives. Row 6 seemed mightest so

X122 (contid)	Matri	×						
)	1,	2	3.	4	5	6	7)	
A	1	A	3	4	15	6		<u> </u>
<u> </u>								
- B	8	7	VO.	M	12	13	K	
	18	XV.	JA	N8	19	>20	7	
						27	70	
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	DEAE	dextran tran	sfections of (	COS M6 cells					
		materials: 1. 35 mm dishes			5. 6.	CMF PBS DEAE-dextran (1	CMF PBS DEAE-dextran (10 mg/ml in CMF PBS		
6	1 P AN	2. EDMEM with 10% FBS 3. Charoquine (40 mM in CMF PBS, sterile filtered)			7.	(autoclaved)) DMSO			
181	0 5 1998	Adroquine (40 in		o, saino 1210100,	8. <sup>-</sup> 9.	cPBS sterile tips			
						;			
(B)	RANDANO day 0 (	d: set up cells)	bruell	•	x lf				
	Set	COS M6 cells i	n 35 mm dishes	at 300,000 cells/0	lish in 2 m	DMEM with 10%	FBS	l. 1	
	day 1 (	transfect) - Nē	ti: cello we	ue way too he	avy (used n order):	Contincount use I conflu than use	ent T75 fo	n 18 wells,	
		a) DNA - 500 r b) add CMF Pl	ng/dish	Orter	01401/1	than no	se the cou working.	nth which	
	•	c) 10 µl of 10 r	ng/ml DEAE-d	extran, vortex wel	l (7 second	ls)	-	î. <sub>A</sub>	
	tub	e # plates 847.1.8.4	U-7	5.1		CMF PBS	10 mg/ml DEAE-dextran راکینگ	results	
	1	1947.1.0.7	45	- <del> </del>		10.5/00	1000	. <del>1</del> 	
	3_		. 49	<del>-</del>		190		+ mightest	
	5_	PX8R3	- 0	1.5 nl			<u> </u>	+	
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	9							- -	
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	2.	Rinse cells with	a 2 mls CMF Pl	BS (37C). Aspira	te PBS.				
		every 10 min.				Incubate 30 minut	es, distributing l	iquid	
	4. 5.	Add 2 ml DME Aspirate off me	M 10% FBS + dium and replac	80 μM chloroquir ce with 1 ml 10%	ne and incu DMSO in I	bate 37C 2.5 hrs. <sup>†</sup> DMEM 10% FBS f	for 2.5 min.		
	6. 7.	Aspirate off and Refeed with 2 n	I wash once wit nl warm DMEN	th 2 mls cPBS.  10% FBS/dish.	Incubate o	vernight.			
	ay 2ر					-			
	Res Day 3			% FBS + 1 mM N	·				
			.75 ml DMEM	10% FBS + 1 mM		te pH $7.3 + 3 \mu g/m$		5 hrs.	
		6,0000		.[, P.Y.			ma/ms :		
	:	6.5 mils.	46		4,851	ul Mata	JAM JAM		
			016		•	Χ	- 1 M	M (Attob)	

B47.1.8.4.49 was chosen as cloned MACHE-/ receptor 4 was renamed pha SRITT (Note: Ana Maria Unincernian did several exp'ts to show Heat the plasmid was a single one & repeatedly gave the expected activity)